

DART AEROSPACE LTD

ENGINEERING CHANGE NOTICE

Date:	98/04/20	ECN #:	064
Project No.:	D407-649	Created By:	KE
Project Name:	407 Hardpoint Kit	Approved By: (proj. manager)	KE
		Approved By: (management if req'd)	N/A

Description of Change:

Release D-Part Dugs:

D2713 rev. A
 D2755 rev. A
 D2756 rev. A
 D2757 rev. A } see attached dugs

Notification/Acceptance	Affected ✓	Authorization
QA	✓	VERBAL FROM JB 98/04/20
Production	✓	
Planning	✓	
Marketing	N/A	

Engineering Actions	Yes	No	Responsible	To happen by:	Complete
Update Blue File		✓			
Update Pink File		✓			
Update D-Part Master Binder	✓		KE 98/04/20	98/04/20	KE 98/04/20
Update Grey Project Binder	✓		KE "	"	KE 98/04/20
Update DEO Binder		✓			
Update Master Document List		✓			
Update Drawing Approval Record	✓		KE 98/04/20	98/04/20	KE 98/04/20
Notify TCA of Change	N/R	✓			
Notify FAA of Change	N/R	✓			

Notes:

- Create IPP for D-Parts and kit based on attached sheet page 9 of 9 from 1IN-D407-649 rev. A.

6 PARTS LIST

Qty	Part Number	Description
X	D407-649-011	407 HARDPOINT KIT INSTALLATION
4	D2713	BRACKET
1	D2755-1	AFT BRACKET LH
1	D2755-2	AFT BRACKET RH
6	D2756	INNER DOUBLER
6	D2757	OUTER DOUBLER
1	D2760	INSTALLATION JIG
96	M7885/2	RIVET
126	M7885/3	RIVET
24	AN4-6A	BOLT
24	AN960JD416	WASHER
24	80-007-15-4A	INSERT - DOME HEAD

JIM

7 HARDPOINT LOAD LIMITS (REFERENCE ONLY)

The maximum limit loads on the Hardpoint Kit are 500 lb vertical load and 280 lb radial horizontal load for each individual hardpoint. The radial horizontal and vertical loads may be applied simultaneously. Any equipment attached to the hardpoints shall not exceed these loads.

8 CARGO HOOK LIMITATIONS (REFERENCE ONLY)

Loads applied to the Dart Hardpoint Kit Installation will limit the load carrying capacity of the cargo hook according to the following Figure. When the hardpoints are loaded to their maximum capacity, outlined in section 7 of this document, the cargo hook is limited to carrying a maximum load of 1850 lb.

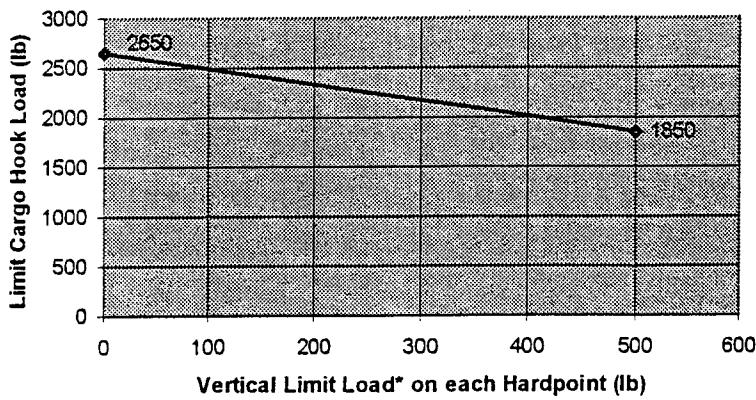


Figure 6 - Cargo Hook Limitations for Hardpoint Loads

* The Vertical Limit Load on each Hardpoint refers to the maximum allowable vertical limit load for a single hardpoint only. The 500 lb vertical limit load indicated in Figure 6 implies a maximum radial horizontal load of 280 lb, according to section 7 of this document. These limit loads should not be exceeded.